ELSEVIER

**Bioenergetics**
(including Reviews on Bioenergetics)
Vol. 1228, 1995

BBA Biochimica et Biophysica Acta

# Author Index

Akasaka, T., see Mori, H. (1228) 37
Alziari, S., see Lefai, E. (1228) 43
Apostolova, E.L., see Tsvetkova, N.M. (1228) 201

Baltzer, L., see Sigfridsson, K. (1228) 28
Barthélémy, J.-C., see Freyssenet, D. (1228) 211
Berthon, P., see Freyssenet, D. (1228) 211
Boespflug-Tanguy, O., see Lefai, E. (1228) 43
Bogucka, K., Teplova, V.V., Wojtczaka, L. and Evtodienko, Y.V.
Inhibition by $Ca^{2+}$ of the hydrolysis and the synthesis of ATP in Ehrlich ascites tumour mitochondria: relation to the Crabtree effect (1228) 261
Borovok, N., see Kotlyar, A.B. (1228) 87
Brain, A.P.R., see Tsvetkova, N.M. (1228) 201
Busso, T., see Freyssenet, D. (1228) 211

Cmiel, E., see Zhao, K.-H. (1228) 235
Cortese, J.D., Voglino, A.L. and Hackenbrock, C.R.
Persistence of cytochrome *c* binding to membranes at physiological mitochondrial intermembrane space ionic strength (1228) 216

Denis, C., see Freyssenet, D. (1228) 211
Dos Remedios, C.G. and Moens, P.D.J.
Actin and the actomyosin interface: a review (1228) 99

Elsayed, N., see Menshikova, E.V. (1228) 165
Evtodienko, Y.V., see Bogucka, K. (1228) 261

Faye, G., see Simon, M. (1228) 95
Fiege, R., see Shuvalov, V.A. (1228) 175
Freire, E., see Haltia, T. (1228) 1
Freyssenet, D., Berthon, P., Barthélémy, J.-C., Busso, T., Geyssant, A. and Denis, C.
Energetic status and mitochondrial oxidative capacity of rat skeletal muscle in response to creatine analogue ingestion (1228) 211

Gagnon, J., see Michel, L. (1228) 67
Gans, P. and Wollman, F.-A.
The effect of cyanide on state transitions in *Chlamydomonas reinhardtii* (1228) 51
Garin, J., see Michel, L. (1228) 67
Geyssant, A., see Freyssenet, D. (1228) 211
Gong, H. and Ohad, I.
Rapid turnover of the RCII-D1 protein in the dark induced by photoinactivation of Photosystem II in *Scenedesmus* wild type and the PS-II-donor defective LF-1 mutant cells (1228) 181

Hackenbrock, C.R., see Cortese, J.D. (1228) 216
Haessner, R., see Zhao, K.-H. (1228) 235
Haltia, T. and Freire, E.
Forces and factors that contribute to the structural stability of membrane proteins (1228) 1
Hansson, Ö., see Sigfridsson, K. (1228) 28
Härtel, H. and Lokstein, H.
Relationship between quenching of maximum and dark-level chlorophyll fluorescence in vivo: dependence on Photosystem II antenna size (1228) 91
Hoff, A.J., see Van der Vos, R. (1228) 73

Inoue, Y., see Noguchi, T. (1228) 189
Ishizuka, M., see Sone, N. (1228) 269

Kagan, V.E., see Menshikova, E.V. (1228) 165
Karlsson, B.G., see Sigfridsson, K. (1228) 28
Karol, M.H., see Menshikova, E.V. (1228) 165
Kotlyar, A.B. and Borovok, N.
Light-induced oxidation of cytochrome *c* (1228) 87
Krishtalik, L.I.
Errata to "Fast electron transfers in photosynthetic reaction centre: effect of the time-evolution of dielectric response" [Biochim. Biophys. Acta 1228 (1995) 58–66] (1228) 267
Krishtalik, L.I.
Fast electron transfers in photosynthetic reaction centre: effect of the time-evolution of dielectric response (1228) 58

Lefai, E., Terrier-Cayre, A., Vincent, A., Boespflug-Tanguy, O., Tanguy, A. and Alziari, S.
Enzymatic activities of mitochondrial respiratory complexes from children muscular biopsies. Age-related evolutions (1228) 43
Lendzian, F., see Shuvalov, V.A. (1228) 175
Lokstein, H., see Härtel, H. (1228) 91
Lubitz, W., see Shuvalov, V.A. (1228) 175
Lundberg, L.G., see Sigfridsson, K. (1228) 28

Menshikova, E.V., Ritov, V.B., Shvedova, A.A., Elsayed, N., Karol, M.H. and Kagan, V.E.
Pulmonary microsomes contain a $Ca^{2+}$-transport system sensitive to oxidative stress (1228) 165
Michel, L., Garin, J., Vinçon, M., Gagnon, J. and Vignais, P.
Mapping of the pyrophosphate binding sites of beef heart mitochondrial $F_1$-ATPase by photolabelling with azidonitrophenyl [$\alpha$-$^{32}$P]-pyrophosphate (1228) 67
Moens, P.D.J., see Dos Remedios, C.G. (1228) 99
Mori, H., Yamashita, Y., Akasaka, T. and Yamamoto, Y.
Further characterization of the loss of antenna chlorophyll-binding protein CP43 from Photosystem II during donor-side photoinhibition (1228) 37

Nishida, H., see Shinohara, Y. (1228) 229
Noguchi, T., Ono, T.-a. and Inoue, Y.
Direct detection of a carboxylate bridge between Mn and $Ca^{2+}$ in the photosynthetic oxygen-evolving center by means of Fourier transform infrared spectroscopy (1228) 189
Nordling, M., see Sigfridsson, K. (1228) 28

Ohad, I., see Gong, H. (1228) 181
Ono, T.-a., see Noguchi, T. (1228) 189

Quinn, P.J., see Tsvetkova, N.M. (1228) 201

Rees, T.A.V.
On ammonia futile cycling in a marine unicellular alga (1228) 254
Ritov, V.B., see Menshikova, E.V. (1228) 165

Scheer, H., see Zhao, K.-H. (1228) 235
Scheer, H., see Zhao, K.-H. (1228) 244
Schreiber, U., see Shuvalov, V.A. (1228) 175
Séraphin, B., see Simon, M. (1228) 95
Shinohara, Y., Unami, A., Teshima, M., Nishida, H., Van Dam, K. and Terada, H.
Inhibitory effect of $Mg^{2+}$ on the protonophoric activity of palmitic acid (1228) 229
Shuvalov, V.A., Fiege, R., Schreiber, U., Lendzian, F. and Lubitz, W.
EPR study of cytochrome in the D1D2 Cyt *b*-559 complex (1228) 175
Shvedova, A.A., see Menshikova, E.V. (1228) 165
Sigfridsson, K., Hansson, Ö., Karlsson, B.G., Baltzer, L., Nordling, M. and Lundberg, L.G.
Spectroscopic and kinetic characterization of the spinach plastocyanin mutant Tyr83-His: a histidine residue with a high p*K* value (1228) 28
Simon, M., Séraphin, B. and Faye, G.
The nuclear-encoded *MSS2* gene is involved in the expression of the mitochondrial cytochrome-*c* oxidase subunit 2 (Cox2) (1228) 95
Sineshchekov, V.A.
Photobiophysics and photobiochemistry of the heterogeneous phytochrome system (1228) 125
Sone, N., Tano, H. and Ishizuka, M.
Corrigendum to: 'The genes in the thermophilic cyanobacterium *Synechococcus vulcans* encoding cytochrome-*c* oxidase' (BBABIO 43906) [Biochim. Biophys. Acta 1183 (1993) 130–138] (1228) 269

Tanguy, A., see Lefai, E. (1228) 43
Tano, H., see Sone, N. (1228) 269
Teplova, V.V., see Bogucka, K. (1228) 261
Terada, H., see Shinohara, Y. (1228) 229
Terrier-Cayre, A., see Lefai, E. (1228) 43
Teshima, M., see Shinohara, Y. (1228) 229
Tsvetkova, N.M., Apostolova, E.L., Brain, A.P.R., Williams, W.P. and Quinn, P.J.
Factors influencing PS II particle array formation in *Arabidopsis thaliana* chloroplasts and the relationship of such arrays to the thermostability of PS II (1228) 201

Unami, A., see Shinohara, Y. (1228) 229

Van Dam, K., see Shinohara, Y. (1228) 229
Van der Vos, R. and Hoff, A.J.
Optically-detected magnetic field effects on the D1-D2-cyt *b*-559 complex of Photosystem II. Temperature dependence of kinetics and structure (1228) 73
Vignais, P., see Michel, L. (1228) 67
Vincent, A., see Lefai, E. (1228) 43
Vinçon, M., see Michel, L. (1228) 67
Voglino, A.L., see Cortese, J.D. (1228) 216

Williams, W.P., see Tsvetkova, N.M. (1228) 201
Wojtczaka, L., see Bogucka, K. (1228) 261
Wollman, F.-A., see Gans, P. (1228) 51

Yamamoto, Y., see Mori, H. (1228) 37
Yamashita, Y., see Mori, H. (1228) 37

Zhao, K.-H. and Scheer, H.
Type I and type II reversible photochemistry of phycoerythrocyanin $\alpha$-subunit from *Mastigocladus laminosus* both involve *Z*, *E* isomerization of phycoviolobilin chromophore and are controlled by sulfhydryls in apoprotein (1228) 244
Zhao, K.-H., Haessner, R., Cmiel, E. and Scheer, H.
Type I reversible photochemistry of phycoerythrocyanin involves *Z*/*E*-isomerization of $\alpha$-84 phycoviolobilin chromophore (1228) 235